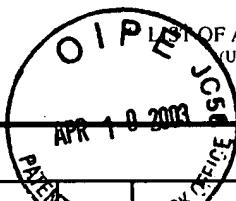


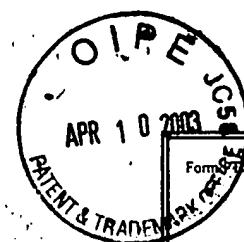
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1839		SERIAL NO. 10/09712		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Farnworth et al.				
					FILING DATE		GROUP 3729		
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate	
	AA	6,063,701	05/16/00	Kuwazaki et al.		—	—		
	AB	5,899,737	05/04/99	Trabucco		—	—		
	AC	5,763,854	06/09/98	Dittman et al.		—	—		
	AD	5,762,258	06/09/98	Le Coz et al.		—	—		
	AE	5,495,089	02/27/96	Freedman et al.		—	—		
	AF	5,431,332	07/11/95	Kirby et al.		—	—		
	AG	6,162,661	12/19/00	Link		—	—		
	AH	6,056,190	05/02/00	Foulke et al.		—	—		
	AI	5,839,641	11/24/98	Teng		—	—		
	AJ	5,655,704	08/12/97	Sakemi et al.		—	—		
	AK	5,620,927	04/15/97	Lee		—	—		
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country		Class	Subclass	Translation	
	AL	WO 99/17593	04/08/99	PCT		—	—	Yes	No
	AM	8-118005 A	05/14/96	Japan		—	—		
	AN	NL 1007949	01/05/98	Netherlands		—	—		
	AO								
	AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
	AR	Kasulke et al., <i>Solder Ball Bumper (SBB) - A Flexible Equipment for FC, CSP, BGA and Printed Circuit Boards/An Innovative Solution for,</i> <i>Solder Application Solder Ball Bumper (SBB)</i> , Pac Tech Packaging Technologies GmbH and Fraunhofer IZM, pp. 1-8.							
	AS								
	AT								
EXAMINER			DATE CONSIDERED						
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>									

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1839	SERIAL NO. <i>1009172</i>			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnworth et al.				
					FILING DATE		GROUP <i>3729</i>		
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate	
<i>WWT</i>	AA	5,219,117	06/15/93	Lin		—	—		
	AB	4,871,110	10/03/89	Fukasawa et al.		—	—		
	AC	6,234,382 B1	05/22/01	Rischke et al.		—	—		
	AD	5,750,199	05/12/98	Sakemi		—	—		
	AE	5,164,566	11/17/92	Spletter et al.		—	—		
	AF	4,661,192	04/28/87	McShane		—	—		
	AG	4,831,724	05/23/89	Elliott		—	—		
	AH	5,052,102	10/01/91	Fong et al.		—	—		
	AI	5,479,703	01/02/96	Desai et al.		—	—		
	AJ	5,551,148	09/03/96	Kazui et al.		—	—		
<i>WWT</i>	AK	5,654,204	08/05/97	Anderson		—	—		
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country		Class	Subclass	Translation	
	AL							Yes	No
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	AN								
	AO								
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
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EXAMINER <i>WWT</i>				DATE CONSIDERED <i>5/30/03</i>					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-1839		SERIAL NO. <i>10/009,172</i>		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Warren M. Farnsworth et al.				
					FILING DATE		GROUP <i>3729</i>		
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate	
<i>MM</i>	AA	5,941,449	08/24/99	Le Coz et al.		—	—		
<i>MM</i>	AB	5,782,399	07/21/98	Lapastora		—	—		
<i>MM</i>	AC	5,745,986	05/05/98	Variot et al.		—	—		
	AD								
	AE								
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FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country		Class	Subclass	Translation	
								Yes	No
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	AN								
	AO								
	AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
	AR								
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EXAMINER <i>MM</i>				DATE CONSIDERED <i>5/30/03</i>					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

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U.S. PATENT DOCUMENTS									
*Examiner Initial	Department Number	Date	Name			Class	Subclass	Filing Date If Appropriate	
AA									
AB									
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FOREIGN PATENT DOCUMENTS									
	Document Number	Date	Country			Class	Subclass	Translation	
								Yes	No
AJ									
AK									
AL									
AM									
AN									
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
<i>W</i>	AO		Yariv, Amnon, "Quantum Electronics - Second Edition," ©1967, 1975, by John Wiley & Sons, Inc., pages 176-193.						
<i>W</i>	AP		Yariv, Amnon, "Quantum Electronics - Second Edition," ©1967, 1975, by John Wiley & Sons, Inc., pages 300-307.						
<i>W</i>	AQ		Eisberg et al., "Quantum Physics of Atoms, Molecules, Solids, Nuclei, and Particles," ©1974 by John Wiley & Sons, Inc., page 316.						
<i>W</i>	AR		Eisberg et al., "Quantum Physics of Atoms, Molecules, Solids, Nuclei, and Particles," ©1974 by John Wiley & Sons, Inc., pages 425-433.						
EXAMINER			DATE CONSIDERED						
<i>W</i>			5/30/03						
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
M122-1839SERIAL NO.
10/004,172LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Warren M. Famworth et al.FILING DATE
October 9, 2001GROUP
3729

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>H</i>	AA	6,412,685 B2	7/2/2002	Hertz et al.	—	—	
<i>W</i>	AB	2002/0045521 A1	4/11/2002	Famworth et al.	—	—	
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AG						
	AH						
	AI						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
MI22-1839

SERIAL NO.
10/004,172

LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Warren M. Farnworth et al.

FILING DATE
October 9, 2001

GROUP
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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>MMT</i>	AA	5,977,512	11/02/99	Azdasht et al.	—	—	
	AB	5,741,410	04/21/98	Tsurushima	—	—	
	AC	5,279,045	01/18/94	Odashima et al.	—	—	
<i>MMT</i>	AD	5,159,171	10/27/92	Cook et al.	—	—	
	AE						
	AF						
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	AH						
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	AK						
	AL						
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>MMT</i>	AN	EP 0 964 608 A2	12/15/99	EPO	—	—		
	AO							
	AP							
	AQ							
	AR							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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<i>MMT</i>	5/30/03	

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